

10/12/01

10-15-01

A

PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. E-13170
First Inventor Belov, et al
Title Method for increasing the Dynamic Range of Mass...
Express Mail Label No. ET626516212US

APPLICATION ELEMENTS

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

See MPEP chapter 600 concerning utility patent application contents.

- ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
- ☒ Applicant claims small entity status.
See 37 CFR 1.27.
- ☒ Specification [Total Pages 21]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 9]
- Oath or Declaration [Total Pages 4]
 - ☒ Newly executed (original or copy)
 - ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 - ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- ☐ Application Data Sheet. See 37 CFR 1.76

- ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - ☐ Computer Readable Form (CRF)
 - Specification Sequence Listing on:
 - ☐ CD-ROM or CD-R (2 copies); or
 - ☐ paper
 - ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

- ☒ Assignment Papers (cover sheet & document(s))
- ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
- ☐ English Translation Document (if applicable)
- ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
- ☐ Preliminary Amendment
- ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
- ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
- ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
- ☐ Other:


18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Prior application information: Examiner: _____ Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label		or <input checked="" type="checkbox"/> Correspondence address below			
(Insert Customer No. or Attach bar code label here)					
Name	Douglas E. McKinley, Jr.				
Address	McKinley Law Office				
	P.O. Box 202				
City	Richland	State	WA	Zip Code	99352
Country	USA	Telephone	509 628-0809	Fax	509 628-2307

Name (Print/Type)	Douglas E. McKinley, Jr.	Registration No. (Attorney/Agent)	40,280
Signature		Date	10-10-2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

09976505-101201

10/12/01

10/12/01
109976505-101201

PTO/SB/17 (09/00)

Approved for use through 10/31/2001. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL

For FY 2001

Patent fees are subject to annual revision.

Complete If Known

Application Number	not yet assigned
Filing Date	herewith
First Named Inventor	Mikhail Belov
Examiner Name	not yet assigned
Group/Art Unit	not yet assigned
Attorney Docket No.	E-13170

TOTAL AMOUNT OF PAYMENT (\$ 355.00

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 02-1275

Deposit Account Name Battelle Memorial Institute - PND

☒ Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17

☒ Applicant claims small entity status

2. Payment Enclosed:
☐ check ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid
101 710 201 355	Utility filing fee	355	
106 320 206 160	Designing filing fee		
107 490 207 245	Plant filing fee		
108 710 208 355	Reissue filing fee		
114 150 214 75	Provisional filing fee		

SUBTOTAL (1) (\$ 355

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee form below	Fee Paid
11	- 20 **	X	
Independent Claims	2	- 3 **	
Multiple Dependent			

**or number previously paid, if greater; For Reissues, see below

Large Entity Fee Code	Small Entity Fee Code	Fee Description
103 18 203 9	Claims in excess of 20	
102 80 202 40	Independent claims in excess of 3	
104 270 204 135	Multiple dependent claim, if not paid	
109 80 209 40	**Reissue independent claims over original patent	
110 18 210 9	**Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code	Fee Code	Fee Description	Fee Paid
105 130 205 65	Surcharge- late filing fee or oath		
127 50 227 25	Surcharge- late provisional filing fee or cover sheet		
139 130 139 130	Non-English specification		
147 2,520 147 2,520	For filing a request for reexamination		
112 920* 112 920*	Requesting publication of SIR prior to Examiner action		
113 1,840* 113 1,840*	Requesting publication of SIR after Examiner action		
115 110 215 55	Extension for reply within first month		
116 390 216 195	Extension for reply within second month		
117 890 217 445	Extension for reply within third month		
118 1,390 218 695	Extension for reply within fourth month		
128 1,890 228 945	Extension for reply within fifth month		
119 310 219 155	Notice of Appeal		
120 310 220 155	Filing a brief in support of an appeal		
121 270 221 135	Requesting for oral hearing		
138 1,510 138 1,510	Petition to institute a public use proceeding		
140 110 240 55	Petition to revive - unavoidable		
141 1,240 241 620	Petition to revive - unintentional		
142 1,240 242 620	Utility issue fee (or reissue)		
143 440 243 220	Design issue fee		
144 600 224 300	Plant issue fee		
122 130 122 130	Petitions to the Commissioner		
123 50 123 50	Petitions related to provisional applications		
126 240 126 240	Submission of Information Disclosure Stmt		
581 40 581 40	Recording each patent assignment per property (times number of properties)		
146 710 246 355	Filing a submission after final rejection (37 CFR § 1.129(a))		
149 710 249 355	For each additional invention to be examined (37 CFR § 1.129(b))		
179 710 279 355	Request for Continued Examination (RCE)		

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0.00

SUBMITTED BY

Name (Print/Type)	Douglas E. McKinley, Jr.	Registration No. (Attorney/Agent)	40,280	Telephone	(509) 628-0809
Signature				Date	10-10-2001

SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

EXPRESS MAIL MAILING LABEL # ET626516212US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
MIKHAIL BELOV, et al.)
)
)
)
For: A METHOD FOR INCREASING) Our Ref. No: E-13170
THE DYNAMIC RANGE OF MASS)
SPECTROMETER)

CERTIFICATE OF MAILING

Assistant Commissioner for Patents
Box PATENT APPLICATION
Washington, DC 20231

Dear Sir:

The undersigned hereby certifies that the attached:

- [X] Patent Application of 21 pages, and
- [X] Drawings of 9 Sheets
- [X] Patent Transmittal
- [X] Patent Fee Transmittal (2 ea.)
- [X] Assignment / Transmittal
- [X] Combined Declaration and Power of Attorney
- [] Information Disclosure
- [] with attachments
- [X] Return Card

are being deposited with the United States Postal Service as:

- [] First Class Mail
- [X] Express Mail - Label # ET626516212US

in an envelope addressed to the Assistant Commissioner for
Patents, Box Patent Application, Washington, D.C. 20231,
on the date set forth below.

Janice K. Laybourn
Signature

October 12, 2001
Date Deposited

Janice K. Laybourn K1-53
Intellectual Property Services
Battelle Memorial Institute
Pacific Northwest Laboratories
P.O. Box 999
Richland, WA 99352
(509) 375-2655

09976505-101201